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In re Application of

Nilsen

Application Number

07/579569

Filed

9-10-90

Paper No.

28

I hereby request access under 37 CFR 1.14(a)(1)(iv) to the application file record of the above-identified ABANDONED application, which is identified in, or to which a benefit is claimed, in the following document (as shown in the attachment):

United States Patent Application Publication No. \_\_\_\_\_, page, \_\_\_\_\_ line \_\_\_\_\_,

United States Patent Number 6172464, column \_\_\_\_\_, line, \_\_\_\_\_ or

WIPO Pub. No. \_\_\_\_\_, page \_\_\_\_\_, line \_\_\_\_\_.

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US006172464B1

(12) **United States Patent**  
Nilssen

(10) Patent No.: **US 6,172,464 B1**  
(45) Date of Patent: **Jan. 9, 2001**

(54) **COMPACT SCREW-IN FLUORESCENT LAMP**

(56)

**References Cited**

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(\*) Notice: Under 35 U.S.C. 154(b), the term of this patent shall be extended for 0 days.

(21) Appl. No.: **08/394,251**

(22) Filed: **Feb. 24, 1995**

**U.S. PATENT DOCUMENTS**

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**OTHER PUBLICATIONS**

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 07/579,569, filed on Sep. 10, 1990, now abandoned, which is a continuation-in-part of application No. 06/787,692, filed on Oct. 15, 1985, now abandoned, which is a continuation of application No. 06/644,155, filed on Aug. 27, 1984, now abandoned, which is a continuation of application No. 06/555,426, filed on Nov. 23, 1983, now abandoned, which is a continuation of application No. 06/178,107, filed on Aug. 14, 1980, now abandoned.

Dale et al. "Conversion of Incandescent Lamp Sockets to Fluorescent in the Home Market" Lighting & Design Application Mar. 1976 pp. 18-23.\*

\* cited by examiner

*Primary Examiner*—Michael B Shingleton

(57)

**ABSTRACT**

In a high-frequency electronic ballast, a fluorescent lamp is connected with and powered by way of a series-resonant LC circuit. A resistive load is connected with the LC circuit, thereby to constitute a load therefor before ignition of the fluorescent lamp or in case the fluorescent lamp were to fail to ignite.

- (51) Int. Cl.<sup>7</sup> ..... **H01J 13/46; H01J 17/34; H01J 19/78**  
(52) U.S. Cl. .... **315/56; 315/71; 315/DIG. 7; 315/DIG. 4; 315/DIG. 5; 315/219; 315/224; 315/205**  
(58) Field of Search ..... **315/56, 71, 36, 315/DIG. 4, DIG. 5, DIG. 7, 307, 291, 219, 209 R, 224, 205**

**6 Claims, 3 Drawing Sheets**

